

Amendments to the Claims:

Claim 1 (currently amended): A magnetorheological-fluid hydraulic mount comprising:

a) a hydraulic-mount partition plate assembly having a central longitudinal axis, having ~~first and second sides~~ a first side including a top surface and a second side including a bottom surface, having a non-magnetorheological-fluid first orifice and a magnetorheological-fluid second orifice, wherein the first orifice has a first terminus directly disposed at the ~~first-side~~ top surface and a second terminus directly disposed at the ~~second-side~~ bottom surface, and wherein the second orifice has a first end directly disposed at the ~~first-side~~ top surface and has a second end directly disposed at the ~~second-side~~ bottom surface;

b) a hydraulic-mount decoupler operatively connected to the first orifice, wherein the decoupler is disposed entirely between the ~~first and second sides~~ top and bottom surfaces and entirely radially outward from the second orifice;

c) an electric coil disposed to magnetically influence the second orifice; and

d) a flexible membrane assembly having a first membrane portion fluidly-isolating, on the ~~first-side~~ top surface of the partition plate assembly, the first end from the first terminus and having a second membrane portion fluidly-isolating, on the ~~second-side~~ bottom surface of the partition plate assembly, the second end from the second terminus.

Claim 2 (currently amended): The magnetorheological-fluid hydraulic mount of claim 1, wherein the electric coil is substantially coaxially aligned with the central longitudinal axis.

Claim 3 (currently amended): The magnetorheological-fluid hydraulic mount of claim 2, wherein the second orifice is a substantially annular orifice substantially coaxially aligned with the central longitudinal axis.

Claim 4 original): The magnetorheological-fluid hydraulic mount of claim 3, wherein the second orifice is disposed radially outward from the electric coil.

Claim 5 (previously presented): A magnetorheological-fluid hydraulic mount comprising:

a) a hydraulic-mount partition plate assembly having a longitudinal axis, having first and second sides, having a non-magnetorheological-fluid first orifice and a magnetorheological-fluid second orifice, wherein the first orifice has a first terminus disposed at the first side and a second terminus disposed at the second side, and wherein the second orifice has a first end disposed at the first side and has a second end disposed at the second side;

b) a hydraulic-mount decoupler operatively connected to the first orifice, wherein the decoupler is disposed entirely between the first and second sides and entirely radially outward from the second orifice;

c) an electric coil disposed to magnetically influence the second orifice; and

d) a flexible membrane assembly having a first membrane portion fluidly-isolating, on the first side of the partition plate assembly, the first end from the first terminus and having a second membrane portion fluidly-isolating, on the second side of the partition plate assembly, the second end from the second terminus,

wherein the electric coil is substantially coaxially aligned with the longitudinal axis, wherein the second orifice is a substantially annular orifice substantially coaxially aligned with the longitudinal axis, wherein the second orifice is disposed radially outward from the electric coil, and wherein the first orifice is a substantially annular orifice substantially coaxially aligned with the longitudinal axis.

Claim 6 (original): The magnetorheological-fluid hydraulic mount of claim 5, wherein the first orifice is disposed radially outward from the second orifice.

Claim 7 (previously presented): The magnetorheological-fluid hydraulic mount of claim 6, wherein the first terminus of the first orifice faces in a direction substantially parallel to the longitudinal axis and the second terminus of the first orifice faces in a direction substantially parallel to the longitudinal axis.

Claim 8 (original): The magnetorheological-fluid hydraulic mount of claim 7, also including a flexible molded assembly having a flexible working leg attached to the first side of the partition

plate assembly and at least partially surrounding the first membrane portion of the flexible membrane assembly and the first terminus of the first orifice.

Claim 9 (original): The magnetorheological-fluid hydraulic mount of claim 8, also including a first mounting member attached to the flexible working leg and attachable to a first component of a vehicle.

Claim 10 (original): The magnetorheological-fluid hydraulic mount of claim 9, also including a second mounting member surrounding the second membrane portion, attached to the partition plate assembly, and attachable to a second component of a vehicle.

Claim 11 (currently amended): A magnetorheological-fluid hydraulic mount comprising:

- a) a motor-vehicle hydraulic-mount partition plate assembly having a central longitudinal axis, having ~~first and second sides~~ a first side including a top surface and a second side including a bottom surface, having a non-magnetorheological-fluid first orifice and a magnetorheological-fluid second orifice, wherein the first orifice has a first terminus directly disposed at the first side top surface and a second terminus directly disposed at the second side bottom surface, and wherein the second orifice has a first end directly disposed at the first side top surface and has a second end directly disposed at the second side bottom surface;
- b) a hydraulic-mount decoupler operatively connected to the first orifice, wherein the decoupler is disposed entirely between the ~~first and second sides~~ top and bottom surfaces and entirely radially outward from the second orifice;
- c) an electric coil disposed to magnetically influence the second orifice;
- d) a flexible membrane assembly having a first membrane portion surrounding, on the ~~first side~~ top surface of the partition plate assembly, the first end and at least partially defining a hydraulic-mount magnetorheological-fluid pumping chamber and having a second membrane portion surrounding, on the ~~second side~~ bottom surface of the partition plate assembly, the second end and at least partially defining a hydraulic-mount magnetorheological-fluid reservoir chamber; and
- e) a magnetorheological fluid disposed in the magnetorheological-fluid pumping and

reservoir chambers.

Claim 12 (currently amended): The magnetorheological-fluid hydraulic mount of claim 11, wherein the electric coil is substantially coaxially aligned with the central longitudinal axis.

Claim 13 (currently amended): The magnetorheological-fluid hydraulic mount of claim 12, wherein the second orifice is a substantially annular orifice substantially coaxially aligned with the central longitudinal axis.

Claim 14 (original): The magnetorheological-fluid hydraulic mount of claim 13, wherein the second orifice is disposed radially outward from the electric coil.

Claim 15 (previously presented): A magnetorheological-fluid hydraulic mount comprising:

a) a motor-vehicle hydraulic-mount partition plate assembly having a longitudinal axis, having first and second sides, having a non-magnetorheological-fluid first orifice and a magnetorheological-fluid second orifice, wherein the first orifice has a first terminus disposed at the first side and a second terminus disposed at the second side, and wherein the second orifice has a first end disposed at the first side and has a second end disposed at the second side;

b) a hydraulic-mount decoupler operatively connected to the first orifice, wherein the decoupler is disposed entirely between the first and second sides and entirely radially outward from the second orifice;

c) an electric coil disposed to magnetically influence the second orifice;

d) a flexible membrane assembly having a first membrane portion surrounding, on the first side of the partition plate assembly, the first end and at least partially defining a hydraulic-mount magnetorheological-fluid pumping chamber and having a second membrane portion surrounding, on the second side of the partition plate assembly, the second end and at least partially defining a hydraulic-mount magnetorheological-fluid reservoir chamber; and

e) a magnetorheological fluid disposed in the magnetorheological-fluid pumping and reservoir chambers,

wherein the electric coil is substantially coaxially aligned with the longitudinal axis,

wherein the second orifice is a substantially annular orifice substantially coaxially aligned with the longitudinal axis, wherein the second orifice is disposed radially outward from the electric coil, and wherein the first orifice is a substantially annular orifice substantially coaxially aligned with the longitudinal axis.

Claim 16 (original): The magnetorheological-fluid hydraulic mount of claim 15, wherein the first orifice is disposed radially outward from the second orifice.

Claim 17 (previously presented): The magnetorheological-fluid hydraulic mount of claim 16, wherein the second terminus of the first orifice is in contact with air.

Claim 18 (original): The magnetorheological-fluid hydraulic mount of claim 17, also including a flexible molded assembly having a flexible working leg attached to the first side of the partition plate assembly and at least partially surrounding the first membrane portion of the flexible membrane assembly and the first terminus of the first orifice to at least partially define a hydraulic-mount non-magnetorheological-fluid pumping chamber, and further including a non-magnetorheological fluid disposed in the non-magnetorheological pumping chamber.

Claim 19 (original): The magnetorheological-fluid hydraulic mount of claim 18, also including a first mounting member attached to the flexible working leg and attachable to a first motor-vehicle component.

Claim 20 (original): The magnetorheological-fluid hydraulic mount of claim 19, also including a second mounting member surrounding the second membrane portion, attached to the partition plate assembly, and attachable to a second motor-vehicle component.